



PATENT
Attorney Docket No.: 03-LO-6803

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cook, et al. :
Serial No.: 09/750,414 : Art Unit: 2834
Filed: December 28, 2000 : Examiner: Pedro J. Cuevas
For: THREE LAYER WASHER :

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL

1. Transmitted herewith is: Amendment in response to Final Office Action dated August 28, 2002 (10pgs); Submission of Marked Up Paragraphs and Claims (2pgs); RCE (with Request for Extension of Time of Three (3) Months) (1pg, in duplicate); Amendment Transmittal (3pgs in duplicate); Certificate of Express Mail (1pg) Return postcard

STATUS

2. Applicant
☒ claims small entity status.
☐ is other than a small entity.

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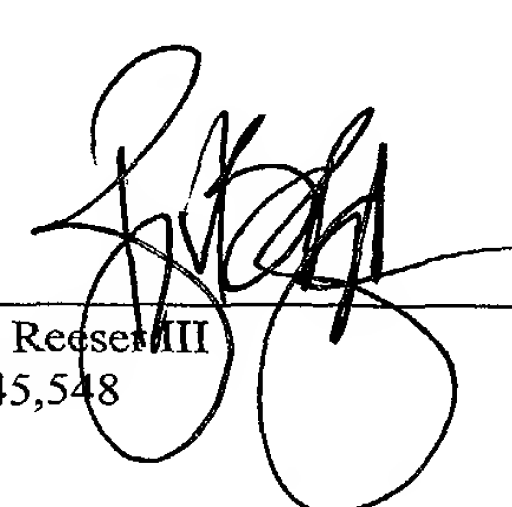
CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8a)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service as Express Mail, Post Office to Addressee, Label No. EV263874796US, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231

Date: Feb 28, 2003


Robert B. Reeser III
Reg No. 45,548

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL		MINUS		=	x \$9 = \$		x \$18 = \$
INDEP.		MINUS		=	x \$42 = \$		x \$84 = \$
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$130 = \$		+ \$280 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) X No additional fee for Claims is required

OR

- (b) Total additional fee for claims required \$

FEE PAYMENT

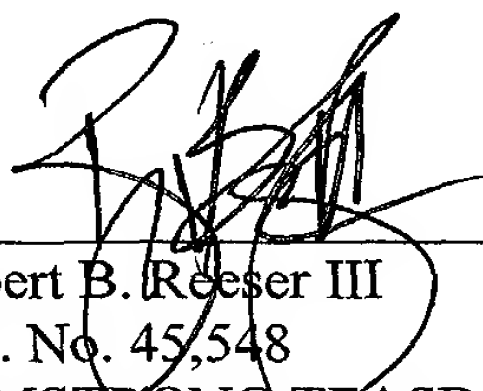
5. Attached is a check in the sum of \$
- X **Charge Deposit Account No. 01-2384 the sum of \$930.00**
A duplicate of this transmittal is attached.

FEE DEFICIENCY

6. X If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

AND/OR

- X If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. Other:


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CERTIFICATE OF MAILING BY EXPRESS MAIL TO
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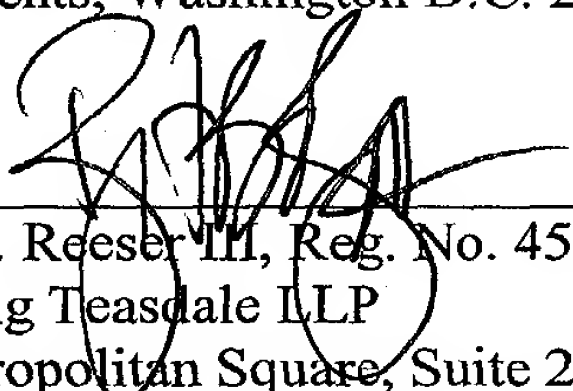
Express Mail mailing label number: EV263874796US

Date of Mailing: February 28, 2003

I certify that the following documents in connection with the patent application of Cook, et al. for **THREE LAYER WASHER**, Serial No. 09/750,414, filed December 28, 2000 including:

- Amendment in Response to Final Office Action dated August 28, 2002 (10pgs);
- Submission of Marked Up Paragraphs and Claims (2pgs);
- RCE (with Request for Extension of Time of Three (3) Months)(1pg, in duplicate);
- Amendment Transmittal (3pgs, in duplicate)
- Certificate of Express Mail (1pg);
- Return postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to **BOX RCE**, Commissioner of Patents, Washington D.C. 20231.


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IN THE UNITED STATES OFFICE OF PATENTS AND TRADEMARKS

Applicants: Cook et al.

Serial Number: 09/750,414

Filed: December 28, 2000

For: THREE LAYER WASHER

Group Art Unit: 2834

Examiner: Cuevas, Pedro J.

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

In response to the Office Action dated August 28, 2002, Applicants respectfully request consideration and entry of the following amendment.

IN THE SPECIFICATION

Please replace the paragraph beginning on page 1, line 7 with the following paragraph:

Motors often operate in situations in which the motors are operated intermittently, and in areas in which it is desirable to reduce noise. Motors typically include a rotor mounted within a stator. The rotor includes a shaft rotatably coupled to bearings. The motor also includes a pair of endshields which house the motor, and include an opening sized to receive the rotor shaft therethrough. The rotor shaft extends through the end shield openings which maintain the rotor in place.

IN THE CLAIMS

6. (once amended) A motor comprising:

a motor housing comprising an end cap and a can, said end cap connected to said can and comprising an opening, said can comprising an opening;

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a stator assembly positioned within said motor housing and comprising a stator core and a stator bore extending therethrough, said stator core comprising a plurality of stator windings;

a rotor assembly positioned within said stator bore, said rotor assembly comprising a rotor core, a rotor bore disposed through said rotor core, and a rotor shaft extending through said rotor bore, said end cap opening, and said can opening;

a bearing positioned on said rotor shaft adjacent said end cap; and

a washer comprising a first layer, a second layer and a third layer, said second layer different from said first and third layers, said washer positioned on said rotor shaft and in contact with said bearing, said washer configured to dampen vibrations induced when said rotor shaft contacts said bearing during rotation of said rotor shaft.

14. (once amended) A washer assembly for a motor, the motor including an end cap and a rotor shaft including a bearing thereon, said washer assembly configured to reduce vibrational stresses induced from the rotor shaft when the rotor shaft contacts said bearing during rotation of the rotor shaft, said washer assembly comprising:

a damping washer in contact with said bearing comprising a first layer, a second layer and a third layer; said second layer different from said first and third layers; and

a snap ring adjacent said damping washer.

Remarks

The Office Action mailed August 28, 2002 has been carefully reviewed and the foregoing amendment has been made in consequence thereof. Submitted herewith is a Submission of Marked Up Paragraphs and Claims.

Claims 6-18 are now pending in this application. Claims 6-18 stand rejected.